

PTO/SB/08A (07-05)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

### Complete if Known

Application Number	09/987,376
Filing Date	11/14/2001
First Named Inventor	William D. Wilber
Art Unit	2817
Examiner Name	Stephen E. Jones
Attorney Docket Number	132706 (A8241)

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
ES		US- 4614920	9/30/1986	Tong	
ES		US- 2003/0090344 A1	5/15/2003	Wang et al	
ES		US- 2003/0090343 A1	5/15/2003	Wilber et al	
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ES		US- 4431977	2/14/1984	Sokola et al	
ES		US- 5083102	1/21/1992	Zaki	
ES		US- 5325077	6/28/1994	Ishikawa et al	
ES		US- 5589807	12/31/1996	Tang	
ES		US- 5821837	10/13/1998	Accatino et al	
ES		US- 5859574	1/12/1999	Schmitt	
ES		US- 6359534 B2	3/19/2002	Hunter	
ES		US- 6484043 B1	11/19/2002	Klein et al	
ES		US- 6507254 B1	1/14/2003	Hattori et al	
ES		US- 6535086 B1	3/18/2003	Liang et al	
ES		US- 6552628 B2	4/22/2003	Jang Jang	
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
ES		EP 1313164 A2	5/21/2003	Alcatel		
ES		EP 1265313 A2	12/11/2003	Murata		
ES		EP 1122807 A1	08/08/2001	Furata		

Examiner  
Signature

*Stephen E. Jones*

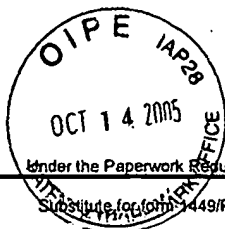
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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First Named Inventor	William D. Wilber
Art Unit	2817
Examiner Name	Stephen E. Jones
Attorney Docket Number	132706 (A8241)

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45		US- 2002/0186103 A1	12/12/2002	Ando et al	
45		US- 2003/0117244 A1	6/26/2003	Matsuura et al	
45		US- 6556106	4/29/2003	Sano	
45		US- 6081175	6/27/2000	Duong et al	
45		US- 5783979	7/21/1998	Andoh et al	
45		US- 2001/000656 A1	5/3/2001	Arakawa et al	
45		US- 6020800	2/1/2000	Arakawa et al	
45		US- 5926076 A	7/20/1999	Heine et al Johnson et al	
45		US- 6954122	10/11/2005	Wilber et al	
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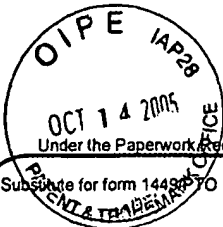
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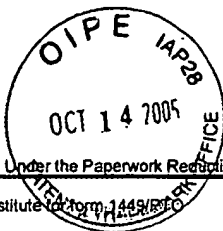
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		Examiner Name	Stephen E. Jones		
Sheet	3	of	4	Attorney Docket Number	132706 (A8241)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SS		Tikhov et al., "A Novel Surface Mount Filter Based on a Triple-Mode Ceramic Cavity", Radio and Wireless Conference, 2001, RAWCON 2001, IEEE, 19-22 Aug. 2001, pp.161-164	
SS		Technical Glossary, Basic Terminology for Quartz Crystal Resonators, <a href="http://www.4timing.com/termcrystal.htm">http://www.4timing.com/termcrystal.htm</a> 10/11/05	
SS		Ceramic Resonator Glossary, Caliber Electronics, <a href="http://www.caliberelectronics.com">http://www.caliberelectronics.com</a> 10/11/05	
SS		Microwaves, Metal and Arcing, Excerpts from the book The Complete Microwave Oven Service Handbook, <a href="http://www.gallawa.com/microtech/metal_arc.html">http://www.gallawa.com/microtech/metal_arc.html</a> 10/11/05	
		<del>Glossary of Terms, Spectrum Control, Inc.</del> No Date	
SS		Spurious Couplings Degrade Bandpass Filter Performance, Kurzrok, MWRF October 1999, <a href="http://www.microwavesrf.com/Globals/PlanetEE/dsp/article.cfm">http://www.microwavesrf.com/Globals/PlanetEE/dsp/article.cfm</a>	
		<del>Tunable Compline Filter Using 60-Degree Resonators, Kurzrok, Applied Microwave &amp; Wireless, pgs 98-100</del> No Date - Can't Consider	
SS		Generalized Multi-Layer Compline and Dielectric Loaded Resonators for CAD of High Performance Base Station Filters, Wang et al, Progress in Electromagnetics Research Symposium, July 5-14, 2000, Cambridge, MA, USA	
SS		TEM Mode Dielectric Compline, FSY Microwave, Inc., <a href="http://www.fsmicrowave.com/temcomb.htm">http://www.fsmicrowave.com/temcomb.htm</a> 8/2/02	
		<del>Coupling Bandwidth and Reflected Group Delay Characterization of Microwave Bandpass Filters, Martin et al., Applied Microwave &amp; Wireless, pgs 86-98</del> No Date Can't Consider	

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SS		Cavity and Surface-Mount Delay Line Filters for Feedforward Power Amplifiers, K&L Microwave, Inc., September 1999, pages 1-5	
SS		Product Definitions -- Delay Lines; <a href="http://www.rhombus-ind.com/prodefin.html">http://www.rhombus-ind.com/prodefin.html</a> 10/11/05	
SS		The Website for Mobile Communications EMC Technology, Inc. RF resistive Products, Attenuators, Power Sensing Terminations, Thermopads and Delay Lines, <a href="http://www.mobilecomms-technology.com/contractos/electroniccomponents/emc/">http://www.mobilecomms-technology.com/contractos/electroniccomponents/emc/</a> 8/2/02	
		<del>etenna Corporation, "Using Variable delay Lines to Enhance Feedforward Power Amplifiers &amp; Systems Application of etenna Corporation's VDL100, pgs 1-9"</del> No Date	
SS		MDP Microwave Products Digest, September 2001, Variable Delay Lines Enhance Feedforward Power Amplifies and Bypass Applications, Lilly, et al, <a href="http://www.mpdigest.com/Articles/Sept2001/etenna/Default.htm">http://www.mpdigest.com/Articles/Sept2001/etenna/Default.htm</a>	
SS		Using Resonated Couplings in Filters, RS Microwave Techonlogy Center, May 1997, <a href="http://rf.rfglobalnet.com/library/ProductNotes/files/6/5-97tech.tm">http://rf.rfglobalnet.com/library/ProductNotes/files/6/5-97tech.tm</a>	
SS		Doust et al., Satellite Multiplexing Using Dielectric Resonators Filters," dec. 1989 Microwave Journal, pp. 93-106	

Examiner Signature	<i>Stephen E. Jones</i>	Date Considered	10/24/05
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